

Table 3B
2009 Pregnancy Nutrition Surveillance (1)
North Dakota
Comparison of Racial and Ethnic Distribution by County

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Comparison of Racial and Ethnic Distribution (2)								
County	Number Included in Analysis	White, Not Hispanic %	Black, Not Hispanic %	Hispanic %	American Indian/Alaska Native %	Asian/Pacific Islander %	Multiple Races %	All Other/Unknown %
Adams	15	*	*	*	*	*	*	*
Barnes	48	*	*	*	*	*	*	*
Benson	107	3.7	0.0	1.9	94.4	0.0	0.0	0.0
Bottineau	23	*	*	*	*	*	*	*
Bowman	16	*	*	*	*	*	*	*
Burke	4	*	*	*	*	*	*	*
Burleigh	411	68.1	0.7	4.6	22.6	1.0	2.9	0.0
Cass	853	71.7	12.1	7.6	4.5	1.9	2.1	0.1
Cavalier	12	*	*	*	*	*	*	*
Dickey	22	*	*	*	*	*	*	*
Divide	3	*	*	*	*	*	*	*
Dunn	3	*	*	*	*	*	*	*
Eddy	4	*	*	*	*	*	*	*
Emmons	22	*	*	*	*	*	*	*
Foster	16	*	*	*	*	*	*	*
Golden Val	6	*	*	*	*	*	*	*
Grand Fork	504	67.3	6.7	8.9	9.7	2.4	5.0	0.0
Grant	6	*	*	*	*	*	*	*
Griggs	17	*	*	*	*	*	*	*
Hettinger	4	*	*	*	*	*	*	*

(1) Reporting period is January 1 through December 31.

(2) Excludes data with errors.

* Percentages are not calculated if <100 records are available for analysis after exclusions.



Table 3B
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Comparison of Racial and Ethnic Distribution (2)								
County	Number Included in Analysis	White, Not Hispanic %	Black, Not Hispanic %	Hispanic %	American Indian/Alaska Native %	Asian/Pacific Islander %	Multiple Races %	All Other/Unknown %
Kidder	15	*	*	*	*	*	*	*
LaMoure	3	*	*	*	*	*	*	*
Logan	4	*	*	*	*	*	*	*
McHenry	16	*	*	*	*	*	*	*
McIntosh	14	*	*	*	*	*	*	*
McKenzie	5	*	*	*	*	*	*	*
McLean	27	*	*	*	*	*	*	*
Mercer	26	*	*	*	*	*	*	*
Morton	153	75.2	2.0	8.5	13.1	0.0	1.3	0.0
Mountrail	5	*	*	*	*	*	*	*
Nelson	8	*	*	*	*	*	*	*
Pembina	29	*	*	*	*	*	*	*
Pierce	15	*	*	*	*	*	*	*
Ramsey	111	66.7	0.0	1.8	25.2	0.0	6.3	0.0
Ransom	29	*	*	*	*	*	*	*
Renville	8	*	*	*	*	*	*	*
Richland	100	81.0	3.0	8.0	8.0	0.0	0.0	0.0
Rolette	302	3.0	0.0	4.3	90.4	0.3	2.0	0.0
Sargent	13	*	*	*	*	*	*	*
Sheridan	10	*	*	*	*	*	*	*

(1) Reporting period is January 1 through December 31.

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Table 3B
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Comparison of Racial and Ethnic Distribution (2)								
County	Number Included in Analysis	White, Not Hispanic %	Black, Not Hispanic %	Hispanic %	American Indian/Alaska Native %	Asian/Pacific Islander %	Multiple Races %	All Other/Unknown %
Stark	136	86.0	0.7	6.6	6.6	0.0	0.0	0.0
Steele	9	*	*	*	*	*	*	*
Stutsman	102	96.1	1.0	0.0	2.0	1.0	0.0	0.0
Towner	7	*	*	*	*	*	*	*
Traill	40	*	*	*	*	*	*	*
Walsh	100	58.0	0.0	36.0	4.0	0.0	2.0	0.0
Ward	531	75.3	2.6	8.9	7.3	1.1	4.7	0.0
Wells	11	*	*	*	*	*	*	*
Williams	149	75.2	0.7	8.7	6.7	0.7	5.4	2.7
North Dakota	4,074	67.6	4.1	7.6	17.0	1.1	2.7	0.1
Nation (Prior Year)	1,307,887	42.0	24.2	28.1	1.0	3.1	1.1	0.5

(1) Reporting period is January 1 through December 31.

(2) Excludes data with errors.

* Percentages are not calculated if <100 records are available for analysis after exclusions.



Table 4B
2009 Pregnancy Nutrition Surveillance (1)
North Dakota
Comparison of Age Distribution by County

Comparison of Age Distribution (2)								
County	Number Included in Analysis	< 15 Years %	15 - 17 Years %	18 - 19 Years %	20 - 29 Years %	30 - 39 Years %	>= 40 Years %	Unknown %
Adams	15	*	*	*	*	*	*	*
Barnes	48	*	*	*	*	*	*	*
Benson	107	0.9	5.6	14.0	58.9	20.6	0.0	0.0
Bottineau	23	*	*	*	*	*	*	*
Bowman	16	*	*	*	*	*	*	*
Burke	4	*	*	*	*	*	*	*
Burleigh	411	0.0	3.6	14.8	61.6	19.7	0.2	0.0
Cass	853	0.1	3.9	12.9	63.5	18.1	1.3	0.2
Cavalier	12	*	*	*	*	*	*	*
Dickey	22	*	*	*	*	*	*	*
Divide	3	*	*	*	*	*	*	*
Dunn	3	*	*	*	*	*	*	*
Eddy	4	*	*	*	*	*	*	*
Emmons	22	*	*	*	*	*	*	*
Foster	16	*	*	*	*	*	*	*
Golden Val	6	*	*	*	*	*	*	*
Grand Fork	504	0.0	3.4	11.9	67.9	16.3	0.6	0.0
Grant	6	*	*	*	*	*	*	*
Griggs	17	*	*	*	*	*	*	*

(1) Reporting period is January 1 through December 31.

(2) Excludes data with errors.

* Percentages are not calculated if <100 records are available for analysis after exclusions.

Table 4B
2009 Pregnancy Nutrition Surveillance (1)
North Dakota
Comparison of Age Distribution by County

Comparison of Age Distribution (2)								
County	Number Included in Analysis	< 15 Years %	15 - 17 Years %	18 - 19 Years %	20 - 29 Years %	30 - 39 Years %	>= 40 Years %	Unknown %
Hettinger	4	*	*	*	*	*	*	*
Kidder	15	*	*	*	*	*	*	*
LaMoure	3	*	*	*	*	*	*	*
Logan	4	*	*	*	*	*	*	*
McHenry	16	*	*	*	*	*	*	*
McIntosh	14	*	*	*	*	*	*	*
McKenzie	5	*	*	*	*	*	*	*
McLean	27	*	*	*	*	*	*	*
Mercer	26	*	*	*	*	*	*	*
Morton	153	0.0	2.6	15.7	58.2	22.2	1.3	0.0
Mountrail	5	*	*	*	*	*	*	*
Nelson	8	*	*	*	*	*	*	*
Pembina	29	*	*	*	*	*	*	*
Pierce	15	*	*	*	*	*	*	*
Ramsey	111	0.0	9.0	17.1	57.7	14.4	1.8	0.0
Ransom	29	*	*	*	*	*	*	*
Renville	8	*	*	*	*	*	*	*
Richland	100	0.0	3.0	15.0	66.0	16.0	0.0	0.0
Rolette	302	0.0	10.3	14.6	59.9	14.9	0.3	0.0

(1) Reporting period is January 1 through December 31.

(2) Excludes data with errors.

* Percentages are not calculated if <100 records are available for analysis after exclusions.

Table 4B
2009 Pregnancy Nutrition Surveillance (1)
North Dakota
Comparison of Age Distribution by County

Comparison of Age Distribution (2)								
County	Number Included in Analysis	< 15 Years %	15 - 17 Years %	18 - 19 Years %	20 - 29 Years %	30 - 39 Years %	>= 40 Years %	Unknown %
Sargent	13	*	*	*	*	*	*	*
Sheridan	10	*	*	*	*	*	*	*
Stark	136	0.0	2.2	11.0	73.5	8.8	3.7	0.7
Steele	9	*	*	*	*	*	*	*
Stutsman	102	0.0	4.9	12.7	63.7	16.7	2.0	0.0
Towner	7	*	*	*	*	*	*	*
Traill	40	*	*	*	*	*	*	*
Walsh	100	1.0	11.0	15.0	62.0	11.0	0.0	0.0
Ward	531	0.2	2.8	12.2	72.5	11.9	0.4	0.0
Wells	11	*	*	*	*	*	*	*
Williams	149	0.0	5.4	20.8	57.0	15.4	1.3	0.0
North Dakota	4,074	0.1	4.4	13.2	64.5	16.7	1.0	0.1
Nation (Prior Year)	1,307,887	0.3	6.3	12.6	59.7	19.4	1.4	0.3

(1) Reporting period is January 1 through December 31.

(2) Excludes data with errors.

* Percentages are not calculated if <100 records are available for analysis after exclusions.

Table 5B
2009 Pregnancy Nutrition Surveillance (1)
North Dakota
Comparison of Maternal Health Indicators by County

Comparison of Maternal Health Indicators (2, 3)																
County	Prepregnancy BMI (4)				Weight Gain (5)				Anemia (Low Hb/Hct) (6)				Gestational Diabetes During Pregnancy		Hypertension During Pregnancy	
	Under-weight		Over-weight	< Ideal		> Ideal		3rd Trimester		Postpartum						
	Number	% (Rank)	% (Rank)	Number	% (Rank)	% (Rank)	Number	% (Rank)	Number	% (Rank)	Number	% (Rank)	Number	% (Rank)		
Adams	14	* *	* *	13	* *	* *	4	* *	9	* *	11	* *	11	* *		
Barnes	32	* *	* *	25	* *	* *	6	* *	19	* *	33	* *	33	* *		
Benson	95	* *	* *	80	* *	* *	13	* *	27	* *	73	* *	73	* *		
Bottineau	19	* *	* *	15	* *	* *	3	* *	13	* *	18	* *	18	* *		
Bowman	11	* *	* *	6	* *	* *	3	* *	4	* *	10	* *	10	* *		
Burke	3	* *	* *	3	* *	* *	1	* *	0	* *	4	* *	4	* *		
Burleigh	375	2.9 (6)	57.9 (7)	333	18.0 (5)	50.8 (3)	63	* *	257	19.1 (2)	351	7.7 (5)	351	13.4(6)		
Cass	760	3.6 (8)	54.1 (5)	652	15.0 (3)	54.3 (7)	133	28.6 (1)	504	23.6 (3)	710	6.6 (4)	709	7.8(2)		
Cavalier	12	* *	* *	12	* *	* *	0	* *	3	* *	3	* *	3	* *		
Dickey	18	* *	* *	14	* *	* *	6	* *	9	* *	16	* *	16	* *		
Divide	2	* *	* *	2	* *	* *	0	* *	2	* *	3	* *	3	* *		
Dunn	3	* *	* *	3	* *	* *	0	* *	1	* *	2	* *	2	* *		
Eddy	4	* *	* *	3	* *	* *	0	* *	1	* *	3	* *	3	* *		
Emmons	19	* *	* *	17	* *	* *	2	* *	8	* *	20	* *	20	* *		
Foster	16	* *	* *	13	* *	* *	3	* *	10	* *	12	* *	12	* *		
Golden Val	2	* *	* *	2	* *	* *	1	* *	5	* *	6	* *	6	* *		
Grand Fork	382	2.4 (1)	52.6 (3)	299	13.7 (2)	52.2 (6)	88	* *	193	27.5 (5)	382	3.4 (1)	381	12.1(5)		

(1) Reporting period is January 1 through December 31.

(2) Excludes records with unknown data or errors.

(3) Rank compares one county's rate to other counties. Rank 1 = best rate.

(4) Based on 2009 IOM report, "Weight Gain During Pregnancy": underweight (BMI <18.5), normal weight (BMI 18.5 to 24.9), overweight (BMI 25.0 to 29.9), obese (BMI >30.0).

(5) Based on 2009 IOM report, "Weight Gain During Pregnancy": underweight during pregnancy (ideal weight gain = 28 to 40 pounds), normal weight prepregnancy (ideal weight gain = 25 to 35 pounds), overweight prepregnancy (ideal weight gain = 15 to 25 pounds), obese prepregnancy (ideal weight gain = 11 to 20 pounds).

(6) Based on 1990 MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States"; adjusted for altitude and smoking.

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2009 Pregnancy Nutrition Surveillance (1)
North Dakota
Comparison of Maternal Health Indicators by County

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Comparison of Maternal Health Indicators (2, 3)														
County	Prepregnancy BMI (4)				Weight Gain (5)			Anemia (Low Hb/Hct) (6)				Gestational Diabetes During Pregnancy	Hypertension During Pregnancy	
	Under-weight		Over-weight	< Ideal		> Ideal	3rd Trimester		Postpartum					
	Number	% (Rank)	% (Rank)	Number	% (Rank)	% (Rank)	Number	% (Rank)	Number	% (Rank)	Number			% (Rank)
Grant	6	* *	* *	6	* *	* *	4	* *	3	* *	6	* *	6	* *
Griggs	13	* *	* *	12	* *	* *	2	* *	9	* *	15	* *	15	* *
Hettinger	4	* *	* *	4	* *	* *	1	* *	1	* *	3	* *	3	* *
Kidder	14	* *	* *	13	* *	* *	2	* *	9	* *	13	* *	12	* *
LaMoure	2	* *	* *	2	* *	* *	0	* *	2	* *	3	* *	3	* *
Logan	4	* *	* *	3	* *	* *	2	* *	1	* *	3	* *	3	* *
McHenry	15	* *	* *	13	* *	* *	3	* *	7	* *	14	* *	14	* *
McIntosh	9	* *	* *	6	* *	* *	0	* *	4	* *	4	* *	4	* *
McKenzie	3	* *	* *	3	* *	* *	1	* *	4	* *	5	* *	5	* *
McLean	24	* *	* *	19	* *	* *	4	* *	10	* *	24	* *	24	* *
Mercer	24	* *	* *	22	* *	* *	6	* *	17	* *	20	* *	20	* *
Morton	142	2.8 (5)	50.0 (1)	121	12.4 (1)	51.2 (4)	23	* *	82	* *	123	9.8 (6)	124	8.9(3)
Mountrail	3	* *	* *	2	* *	* *	1	* *	1	* *	3	* *	3	* *
Nelson	8	* *	* *	6	* *	* *	2	* *	0	* *	4	* *	4	* *
Pembina	21	* *	* *	20	* *	* *	6	* *	13	* *	22	* *	22	* *
Pierce	15	* *	* *	14	* *	* *	1	* *	10	* *	14	* *	14	* *
Ramsey	111	4.5 (9)	52.3 (2)	100	21.0 (8)	48.0 (1)	14	* *	69	* *	93	* *	94	* *

(1) Reporting period is January 1 through December 31.

(2) Excludes records with unknown data or errors.

(3) Rank compares one county's rate to other counties. Rank 1 = best rate.

(4) Based on 2009 IOM report, "Weight Gain During Pregnancy": underweight (BMI <18.5), normal weight (BMI 18.5 to 24.9), overweight (BMI 25.0 to 29.9), obese (BMI >30.0).

(5) Based on 2009 IOM report, "Weight Gain During Pregnancy": underweight during pregnancy (ideal weight gain = 28 to 40 pounds), normal weight prepregnancy (ideal weight gain = 25 to 35 pounds), overweight prepregnancy (ideal weight gain = 15 to 25 pounds), obese prepregnancy (ideal weight gain = 11 to 20 pounds).

(6) Based on 1990 MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States"; adjusted for altitude and smoking.

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Comparison of Maternal Health Indicators by County

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Comparison of Maternal Health Indicators (2, 3)																			
County	Prepregnancy BMI (4)				Weight Gain (5)				Anemia (Low Hb/Hct) (6)				Gestational Diabetes During Pregnancy	Hypertension During Pregnancy					
	Under-weight		Over-weight	< Ideal		> Ideal		3rd Trimester		Postpartum									
	Number	% (Rank)		% (Rank)	Number	% (Rank)	% (Rank)	Number	% (Rank)	Number	% (Rank)	Number			% (Rank)				
Ransom	23	* *	* *		20	* *	* *		7	* *		14	* *		25	* *		25	* *
Renville	6	* *	* *		6	* *	* *		1	* *		7	* *		7	* *		7	* *
Richland	85	* *	* *		69	* *	* *		11	* *		45	* *		77	* *		77	* *
Rolette	284	2.5 (3)	63.0 (9)		265	19.6 (7)	49.4 (2)		33	* *		150	25.3 (4)		254	3.9 (2)		254	7.5(1)
Sargent	12	* *	* *		9	* *	* *		1	* *		7	* *		9	* *		9	* *
Sheridan	9	* *	* *		8	* *	* *		3	* *		4	* *		7	* *		7	* *
Stark	113	2.7 (4)	56.6 (6)		90	* *	* *		25	* *		39	* *		92	* *		92	* *
Steele	7	* *	* *		5	* *	* *		2	* *		3	* *		5	* *		5	* *
Stutsman	85	* *	* *		74	* *	* *		13	* *		46	* *		72	* *		73	* *
Towner	7	* *	* *		7	* *	* *		0	* *		4	* *		6	* *		6	* *
Traill	30	* *	* *		24	* *	* *		13	* *		23	* *		29	* *		29	* *
Walsh	95	* *	* *		81	* *	* *		10	* *		36	* *		74	* *		74	* *
Ward	420	2.4 (1)	53.3 (4)		355	15.2 (4)	57.5 (8)		89	* *		260	15.8 (1)		419	4.5 (3)		418	10.0(4)
Wells	11	* *	* *		10	* *	* *		0	* *		8	* *		10	* *		10	* *
Williams	132	3.0 (7)	62.1 (8)		109	19.3 (6)	51.4 (5)		30	* *		77	* *		100	12.0 (7)		100	17.0(7)
North Dakota	3,504	2.8	56.5		2,990	15.8	52.6		636	27.2		2,030	21.3		3,212	5.9		3,211	10.2

(1) Reporting period is January 1 through December 31.

(2) Excludes records with unknown data or errors.

(3) Rank compares one county's rate to other counties. Rank 1 = best rate.

(4) Based on 2009 IOM report, "Weight Gain During Pregnancy": underweight (BMI <18.5), normal weight (BMI 18.5 to 24.9), overweight (BMI 25.0 to 29.9), obese (BMI >30.0).

(5) Based on 2009 IOM report, "Weight Gain During Pregnancy": underweight during pregnancy (ideal weight gain = 28 to 40 pounds), normal weight prepregnancy (ideal weight gain = 25 to 35 pounds), overweight prepregnancy (ideal weight gain = 15 to 25 pounds), obese prepregnancy (ideal weight gain = 11 to 20 pounds).

(6) Based on 1990 MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States"; adjusted for altitude and smoking.

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Table 5B
2009 Pregnancy Nutrition Surveillance (1)
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Comparison of Maternal Health Indicators by County

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Comparison of Maternal Health Indicators (2, 3)														
County	Prepregnancy BMI (4)			Weight Gain (5)			Anemia (Low Hb/Hct) (6)				Gestational Diabetes During Pregnancy		Hypertension During Pregnancy	
	Under-weight		Over-weight	< Ideal		> Ideal	3rd Trimester		Postpartum					
	Number	% (Rank)	% (Rank)	Number	% (Rank)	% (Rank)	Number	% (Rank)	Number	% (Rank)	Number	% (Rank)	Number	% (Rank)
Nation (Prior Year)	1,224,766	4.7	52.1	963,624	21.4	48.2	188,530	33.8	416,710	29.6	346,704	4.4	395,960	5.2

(1) Reporting period is January 1 through December 31.

(2) Excludes records with unknown data or errors.

(3) Rank compares one county's rate to other counties. Rank 1 = best rate.

(4) Based on 2009 IOM report, "Weight Gain During Pregnancy": underweight (BMI <18.5), normal weight (BMI 18.5 to 24.9), overweight (BMI 25.0 to 29.9), obese (BMI >30.0).

(5) Based on 2009 IOM report, "Weight Gain During Pregnancy": underweight during pregnancy (ideal weight gain = 28 to 40 pounds), normal weight prepregnancy (ideal weight gain = 25 to 35 pounds), overweight prepregnancy (ideal weight gain = 15 to 25 pounds), obese prepregnancy (ideal weight gain = 11 to 20 pounds).

(6) Based on 1990 MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States"; adjusted for altitude and smoking.

* Percentages are not calculated if <100 records are available for analysis after exclusions.



Table 6B
2009 Pregnancy Nutrition Surveillance (1)
North Dakota
Comparison of Maternal Behavioral Indicators by County

Comparison of Maternal Behavioral Indicators											(2, 3)			
County	Medical Care					WIC Enrollment			Multivitamin Consumption					
	1st Trimester		No Care			1st Trimester			Prepregnancy (4)		During Pregnancy (5)			
	Number	% (Rank)	% (Rank)	% (Rank)	% (Rank)	Number	% (Rank)	% (Rank)	Number	% (Rank)	Number	% (Rank)		
Adams	10	*	*	*	*	15	*	*	10	*	*	9	*	*
Barnes	21	*	*	*	*	35	*	*	34	*	*	31	*	*
Benson	82	*	*	*	*	97	*	*	16	*	*	80	*	*
Bottineau	14	*	*	*	*	20	*	*	21	*	*	17	*	*
Bowman	6	*	*	*	*	13	*	*	8	*	*	10	*	*
Burke	2	*	*	*	*	3	*	*	2	*	*	2	*	*
Burleigh	228	87.3	(4)	0.0	(1)	390	37.2	(8)	310	18.4	(5)	272	8.5	(1)
Cass	457	87.5	(3)	0.0	(1)	741	46.3	(2)	529	21.4	(4)	567	6.7	(2)
Cavalier	8	*	*	*	*	12	*	*	11	*	*	10	*	*
Dickey	15	*	*	*	*	19	*	*	17	*	*	16	*	*
Divide	1	*	*	*	*	2	*	*	2	*	*	2	*	*
Dunn	1	*	*	*	*	3	*	*	3	*	*	3	*	*
Eddy	2	*	*	*	*	4	*	*	3	*	*	3	*	*
Emmons	12	*	*	*	*	19	*	*	18	*	*	14	*	*
Foster	12	*	*	*	*	16	*	*	16	*	*	14	*	*
Golden Val	2	*	*	*	*	2	*	*	3	*	*	2	*	*
Grand Fork	232	91.8	(1)	0.0	(1)	389	44.2	(4)	376	24.5	(2)	298	3.7	(4)
Grant	6	*	*	*	*	6	*	*	6	*	*	6	*	*
Griggs	10	*	*	*	*	13	*	*	13	*	*	9	*	*
Hettinger	3	*	*	*	*	4	*	*	4	*	*	4	*	*

(1) Reporting period is January 1 through December 31.

(2) Excludes records with unknown data or errors.

(3) Rank compares one county's rate to other counties. Rank 1 = best rate.

(4) Women who reported taking a multivitamin four times a week or more in the month before pregnancy; proxy for folic acid consumption.

(5) Pregnant women who reported taking a multivitamin in the past month; proxy for prenatal iron consumption.

* Percentages are not calculated if <100 records are available for analysis after exclusions.

Table 6B
2009 Pregnancy Nutrition Surveillance (1)
North Dakota
Comparison of Maternal Behavioral Indicators by County

Comparison of Maternal Behavioral Indicators												(2, 3)						
County	Medical Care						WIC Enrollment			Multivitamin Consumption								
	1st Trimester			No Care			1st Trimester			Pregpregnancy (4)			During Pregarancy (5)					
	Number	% (Rank)	% (Rank)	% (Rank)	% (Rank)	% (Rank)	Number	% (Rank)	% (Rank)	Number	% (Rank)	% (Rank)	Number	% (Rank)	% (Rank)			
Kidder	10	*	*	*	*	*	15	*	*	*	13	*	*	*	11	*	*	*
LaMoure	2	*	*	*	*	*	3	*	*	*	2	*	*	*	2	*	*	*
Logan	2	*	*	*	*	*	4	*	*	*	3	*	*	*	3	*	*	*
McHenry	5	*	*	*	*	*	14	*	*	*	13	*	*	*	13	*	*	*
McIntosh	4	*	*	*	*	*	9	*	*	*	9	*	*	*	7	*	*	*
McKenzie	1	*	*	*	*	*	4	*	*	*	0	*	*	*	2	*	*	*
McLean	14	*	*	*	*	*	24	*	*	*	22	*	*	*	22	*	*	*
Mercer	17	*	*	*	*	*	24	*	*	*	19	*	*	*	17	*	*	*
Morton	67	*	*	*	*	*	146	39.0	(7)		113	16.8	(6)		97	*	*	*
Mountrail	1	*	*	*	*	*	2	*	*	*	3	*	*	*	3	*	*	*
Nelson	4	*	*	*	*	*	8	*	*	*	8	*	*	*	7	*	*	*
Pembina	15	*	*	*	*	*	22	*	*	*	17	*	*	*	18	*	*	*
Pierce	11	*	*	*	*	*	15	*	*	*	13	*	*	*	13	*	*	*
Ramsey	72	*	*	*	*	*	111	45.9	(3)		92	*	*	*	86	*	*	*
Ransom	13	*	*	*	*	*	24	*	*	*	23	*	*	*	17	*	*	*
Renville	4	*	*	*	*	*	6	*	*	*	4	*	*	*	4	*	*	*
Richland	48	*	*	*	*	*	84	*	*	*	77	*	*	*	71	*	*	*
Rolette	201	84.1	(5)	0.0	(1)		286	57.0	(1)		279	15.1	(7)		222	2.3	(5)	
Sargent	9	*	*	*	*	*	13	*	*	*	11	*	*	*	12	*	*	*
Sheridan	6	*	*	*	*	*	9	*	*	*	9	*	*	*	8	*	*	*

(1) Reporting period is January 1 through December 31.

(2) Excludes records with unknown data or errors.

(3) Rank compares one county's rate to other counties. Rank 1 = best rate.

(4) Women who reported taking a multivitamin four times a week or more in the month before pregnancy; proxy for folic acid consumption.

(5) Pregnant women who reported taking a multivitamin in the past month; proxy for prenatal iron consumption.

* Percentages are not calculated if <100 records are available for analysis after exclusions.



Table 6B
2009 Pregnancy Nutrition Surveillance (1)
North Dakota
Comparison of Maternal Behavioral Indicators by County

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Comparison of Maternal Behavioral Indicators (2, 3)										
County	Medical Care					WIC Enrollment			Multivitamin Consumption	
	1st Trimester		No Care			1st Trimester			Prepregnancy (4)	During Pregnancy (5)
	Number	% (Rank)	% (Rank)	% (Rank)	% (Rank)	Number	% (Rank)	% (Rank)	Number	% (Rank)
Stark	79	*	*	*	*	112	42.9 (5)		114	36.0 (1)
Steele	5	*	*	*	*	8	*	*	7	*
Stutsman	61	*	*	*	*	85	*	*	84	*
Towner	3	*	*	*	*	7	*	*	6	*
Trails	22	*	*	*	*	30	*	*	29	*
Walsh	54	*	*	*	*	99	*	*	88	*
Ward	282	90.1 (2)	0.0 (1)			437	39.1 (6)		399	23.3 (3)
Wells	3	*	*	*	*	11	*	*	6	*
Williams	73	*	*	*	*	136	33.8 (9)		52	*
North Dakota	2,212	87.2	0.0			3,551	43.0		2,917	22.0
Nation (Prior Year)	580,485	80.1	3.1			1,187,387	31.7		266,567	19.3
									269,548	80.6

(1) Reporting period is January 1 through December 31.

(2) Excludes records with unknown data or errors.

(3) Rank compares one county's rate to other counties. Rank 1 = best rate.

(4) Women who reported taking a multivitamin four times a week or more in the month before pregnancy; proxy for folic acid consumption.

(5) Pregnant women who reported taking a multivitamin in the past month; proxy for prenatal iron consumption.

* Percentages are not calculated if <100 records are available for analysis after exclusions.



Table 7B
2009 Pregnancy Nutrition Surveillance (1)
North Dakota
Comparison of Smoking Indicators by County

Comparison of Smoking Indicators (2, 3)								
County	Smoking				Quit Smoking By First Prenatal Visit and Stayed Off Cigarettes (4)	Smoking in Household		
	3 Months Prior to Pregnancy		Last 3 Months of Pregnancy			Prenatal	Postpartum	
	Number	% (Rank)	Number	% (Rank)		Number	% (Rank)	
Adams	11	* *	10	* *	4	* *	11	* *
Barnes	34	* *	33	* *	11	* *	33	* *
Benson	94	* *	73	* *	32	* *	82	* *
Bottineau	21	* *	18	* *	10	* *	20	* *
Bowman	11	* *	10	* *	1	* *	11	* *
Burke	2	* *	4	* *	1	* *	2	* *
Burleigh	313	49.8 (6)	350	22.0 (3)	126	36.5 (3)	296	13.5 (2)
Cass	674	40.2 (1)	711	22.2 (4)	213	33.8 (4)	647	15.3 (4)
Cavalier	10	* *	6	* *	1	* *	10	* *
Dickey	18	* *	15	* *	3	* *	15	* *
Divide	1	* *	3	* *	0	* *	2	* *
Dunn	3	* *	2	* *	1	* *	3	* *
Eddy	3	* *	3	* *	1	* *	3	* *
Emmons	19	* *	20	* *	0	* *	19	* *
Foster	16	* *	12	* *	6	* *	16	* *

(1) Reporting period is January 1 through December 31.

(2) Excludes records with unknown data or errors.

(3) Rank compares one county's rate to other counties. Rank 1 = best rate.

(4) Among women who smoked 3 months prior to pregnancy.

* Percentages are not calculated if <100 records are available for analysis after exclusions.

Table 7B
2009 Pregnancy Nutrition Surveillance (1)
North Dakota
Comparison of Smoking Indicators by County

Comparison of Smoking Indicators (2, 3)										
County	Smoking				Quit Smoking By First Prenatal Visit and Stayed Off Cigarettes (4)	Smoking in Household				
	3 Months Prior to Pregnancy		Last 3 Months of Pregnancy			Prenatal		Postpartum		
	Number	% (Rank)	Number	% (Rank)		Number	% (Rank)	Number	% (Rank)	
Golden Val	3	* *	6	* *	1	* *	2	* *	6	* *
Grand Fork	384	44.3 (3)	386	21.0 (1)	107	40.2 (2)	348	14.1 (3)	343	7.0 (4)
Grant	6	* *	6	* *	3	* *	6	* *	6	* *
Griggs	13	* *	15	* *	5	* *	13	* *	15	* *
Hettinger	4	* *	3	* *	0	* *	4	* *	2	* *
Kidder	13	* *	14	* *	8	* *	13	* *	14	* *
LaMoure	2	* *	3	* *	2	* *	2	* *	3	* *
Logan	4	* *	3	* *	1	* *	4	* *	2	* *
McHenry	9	* *	15	* *	1	* *	13	* *	14	* *
McIntosh	8	* *	11	* *	2	* *	8	* *	11	* *
McKenzie	2	* *	5	* *	1	* *	2	* *	5	* *
McLean	22	* *	24	* *	8	* *	22	* *	22	* *
Mercer	20	* *	20	* *	7	* *	19	* *	20	* *
Morton	115	45.2 (4)	123	23.6 (5)	40	* *	113	19.5 (6)	121	4.1 (2)
Mountrail	3	* *	4	* *	1	* *	3	* *	4	* *

(1) Reporting period is January 1 through December 31.

(2) Excludes records with unknown data or errors.

(3) Rank compares one county's rate to other counties. Rank 1 = best rate.

(4) Among women who smoked 3 months prior to pregnancy.

* Percentages are not calculated if <100 records are available for analysis after exclusions.

Table 7B
2009 Pregnancy Nutrition Surveillance (1)
North Dakota
Comparison of Smoking Indicators by County

Comparison of Smoking Indicators (2, 3)								
County	Smoking				Quit Smoking By First Prenatal Visit and Stayed Off Cigarettes (4)	Smoking in Household		
	3 Months Prior to Pregnancy		Last 3 Months of Pregnancy			Prenatal	Postpartum	
	Number	% (Rank)	Number	% (Rank)	Number	% (Rank)	Number	% (Rank)
Nelson	7	* *	4	* *	2	* *	7	* *
Pembina	20	* *	21	* *	4	* *	19	* *
Pierce	14	* *	14	* *	0	* *	14	* *
Ramsey	96	* *	95	* *	48	* *	96	* *
Ransom	22	* *	25	* *	7	* *	22	* *
Renville	4	* *	6	* *	1	* *	4	* *
Richland	76	* *	77	* *	34	* *	76	* *
Rolette	279	62.7 (8)	256	39.1 (6)	145	26.2 (5)	276	23.6 (7)
Sargent	12	* *	9	* *	2	* *	12	* *
Sheridan	8	* *	9	* *	3	* *	8	* *
Stark	115	45.2 (4)	97	* *	37	* *	111	11.7 (1)
Steele	7	* *	6	* *	2	* *	7	* *
Stutsman	88	* *	81	* *	35	* *	78	* *
Towner	6	* *	6	* *	2	* *	6	* *
Traill	29	* *	28	* *	2	* *	27	* *

(1) Reporting period is January 1 through December 31.

(2) Excludes records with unknown data or errors.

(3) Rank compares one county's rate to other counties. Rank 1 = best rate.

(4) Among women who smoked 3 months prior to pregnancy.

* Percentages are not calculated if <100 records are available for analysis after exclusions.

Table 7B
2009 Pregnancy Nutrition Surveillance (1)
North Dakota
Comparison of Smoking Indicators by County

Comparison of Smoking Indicators (2, 3)										
County	Smoking				Quit Smoking By First Prenatal Visit and Stayed Off Cigarettes (4)	Smoking in Household				
	3 Months Prior to Pregnancy		Last 3 Months of Pregnancy			Prenatal		Postpartum		
	Number	% (Rank)	Number	% (Rank)	Number	% (Rank)	Number	% (Rank)		
Walsh	90	* *	75	* *	25	* *	84	* *	69	* *
Ward	396	43.9 (2)	418	21.5 (2)	121	40.5 (1)	371	16.7 (5)	412	8.5 (6)
Wells	6	* *	10	* *	2	* *	6	* *	10	* *
Williams	104	62.5 (7)	100	40.0 (7)	41	* *	97	* *	82	* *
North Dakota	3,217	46.6	3,245	25.5	1,110	33.3	3,063	18.0	3,114	7.6
Nation (Prior Year)	999,199	23.1	856,953	14.2	146,933	35.5	655,095	18.9	578,852	19.9

(1) Reporting period is January 1 through December 31.

(2) Excludes records with unknown data or errors.

(3) Rank compares one county's rate to other counties. Rank 1 = best rate.

(4) Among women who smoked 3 months prior to pregnancy.

* Percentages are not calculated if <100 records are available for analysis after exclusions.

Table 8B
2009 Pregnancy Nutrition Surveillance (1)
North Dakota
Comparison of Infant Health Indicators by County

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Comparison of Infant Health Indicators										(2, 3)				
County	Birthweight					Preterm (6)		Full Term LBW (7)		Ever Breastfed				
	Low (4)		High (5)											
	Number	% (Rank)		% (Rank)		Number	% (Rank)	Number	% (Rank)	Number	% (Rank)			
Adams	4	*	*	*	*	4	*	*	3	*	*	4	*	*
Barnes	18	*	*	*	*	8	*	*	8	*	*	25	*	*
Benson	44	*	*	*	*	36	*	*	30	*	*	62	*	*
Bottineau	3	*	*	*	*	3	*	*	2	*	*	3	*	*
Bowman	7	*	*	*	*	5	*	*	4	*	*	8	*	*
Burke	3	*	*	*	*	3	*	*	3	*	*	3	*	*
Burleigh	256	8.2	(3)	5.5	(1)	239	10.5	(1)	213	1.9	(4)	298	26.8	(3)
Cass	316	8.5	(4)	7.9	(2)	284	11.3	(2)	251	1.6	(1)	369	32.2	(2)
Cavalier	2	*	*	*	*	2	*	*	2	*	*	3	*	*
Dickey	13	*	*	*	*	10	*	*	9	*	*	14	*	*
Divide	3	*	*	*	*	2	*	*	1	*	*	3	*	*
Dunn	1	*	*	*	*	1	*	*	0	*	*	1	*	*
Eddy	1	*	*	*	*	1	*	*	0	*	*	1	*	*
Emmons	9	*	*	*	*	6	*	*	6	*	*	15	*	*

(1) Reporting period is January 1 through December 31.

(2) Excludes records with unknown data or errors.

(3) Rank compares one county's rate to other counties. Rank 1 = best rate.

(4) <2500 g.

(5) >4000 g.

(6) <37 weeks gestation.

(7) 37 or more weeks gestation and <2500 g.

* Percentages are not calculated if <100 records are available for analysis after exclusions.



Table 8B
2009 Pregnancy Nutrition Surveillance (1)
North Dakota
Comparison of Infant Health Indicators by County

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Run Date: 7 / 22 / 10

Comparison of Infant Health Indicators											(2, 3)			
County	Birthweight					Preterm (6)		Full Term LBW (7)		Ever Breastfed				
	Low (4)		High (5)											
	Number	% (Rank)		% (Rank)		Number	% (Rank)	Number	% (Rank)	Number	% (Rank)			
Foster	10	*	*	*	*	10	*	*	9	*	*	10	*	*
Golden Val	4	*	*	*	*	1	*	*	1	*	*	4	*	*
Grand Fork	223	7.2	(1)	8.1	(4)	142	12.0	(3)	124	3.2	(5)	282	34.0	(1)
Grant	6	*	*	*	*	6	*	*	6	*	*	6	*	*
Griggs	5	*	*	*	*	3	*	*	2	*	*	7	*	*
Hettinger	1	*	*	*	*	1	*	*	1	*	*	1	*	*
Kidder	10	*	*	*	*	10	*	*	7	*	*	12	*	*
LaMoure	2	*	*	*	*	2	*	*	2	*	*	2	*	*
Logan	0	*	*	*	*	0	*	*	0	*	*	0	*	*
McHenry	10	*	*	*	*	8	*	*	6	*	*	13	*	*
McIntosh	1	*	*	*	*	0	*	*	0	*	*	1	*	*
McKenzie	0	*	*	*	*	0	*	*	0	*	*	0	*	*
McLean	10	*	*	*	*	8	*	*	8	*	*	12	*	*
Mercer	17	*	*	*	*	15	*	*	12	*	*	17	*	*

(1) Reporting period is January 1 through December 31.

(2) Excludes records with unknown data or errors.

(3) Rank compares one county's rate to other counties. Rank 1 = best rate.

(4) <2500 g.

(5) >4000 g.

(6) <37 weeks gestation.

(7) 37 or more weeks gestation and <2500 g.

* Percentages are not calculated if <100 records are available for analysis after exclusions.



Table 8B
2009 Pregnancy Nutrition Surveillance (1)
North Dakota
Comparison of Infant Health Indicators by County

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Comparison of Infant Health Indicators (2, 3)														
County	Birthweight					Preterm (6)		Full Term LBW (7)		Ever Breastfed				
	Low (4)		High (5)											
	Number	% (Rank)	% (Rank)			Number	% (Rank)	Number	% (Rank)	Number	% (Rank)			
Morton	83	*	*	*	*	76	*	*	67	*	*	108	19.4 (5)	
Mountrail	0	*	*	*	*	0	*	*	0	*	*	0	*	*
Nelson	0	*	*	*	*	0	*	*	0	*	*	1	*	*
Pembina	12	*	*	*	*	5	*	*	4	*	*	13	*	*
Pierce	10	*	*	*	*	10	*	*	10	*	*	12	*	*
Ramsey	48	*	*	*	*	51	*	*	44	*	*	61	*	*
Ransom	8	*	*	*	*	6	*	*	6	*	*	10	*	*
Renville	5	*	*	*	*	4	*	*	4	*	*	5	*	*
Richland	48	*	*	*	*	42	*	*	39	*	*	53	*	*
Rolette	151	9.9 (5)	11.9 (5)			141	17.0 (5)		117	1.7 (2)		198	14.6 (6)	
Sargent	6	*	*	*	*	6	*	*	5	*	*	8	*	*
Sheridan	6	*	*	*	*	5	*	*	4	*	*	6	*	*
Stark	33	*	*	*	*	20	*	*	18	*	*	42	*	*
Steele	3	*	*	*	*	3	*	*	3	*	*	4	*	*

(1) Reporting period is January 1 through December 31.

(2) Excludes records with unknown data or errors.

(3) Rank compares one county's rate to other counties. Rank 1 = best rate.

(4) <2500 g.

(5) >4000 g.

(6) <37 weeks gestation.

(7) 37 or more weeks gestation and <2500 g.

* Percentages are not calculated if <100 records are available for analysis after exclusions.



Table 8B
2009 Pregnancy Nutrition Surveillance (1)
North Dakota
Comparison of Infant Health Indicators by County

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Comparison of Infant Health Indicators										(2, 3)				
County	Birthweight					Preterm (6)		Full Term LBW (7)		Ever Breastfed				
	Low (4)		High (5)											
	Number	% (Rank)		% (Rank)		Number	% (Rank)	Number	% (Rank)	Number	% (Rank)			
Stutsman	17	*	*	*	*	13	*	*	11	*	*	24	*	*
Towner	3	*	*	*	*	3	*	*	2	*	*	4	*	*
Traill	9	*	*	*	*	6	*	*	6	*	*	11	*	*
Walsh	48	*	*	*	*	47	*	*	40	*	*	67	*	*
Ward	199	7.5	(2)	8.0	(3)	138	13.8	(4)	117	1.7	(2)	250	26.8	(3)
Wells	8	*	*	*	*	8	*	*	7	*	*	9	*	*
Williams	1	*	*	*	*	0	*	*	0	*	*	3	*	*
North Dakota	1,677	8.2		8.7		1,394	12.4		1,214	2.1		2,065	27.2	
Nation (Prior Year)	1,085,134	8.2		6.6		1,025,278	11.5		890,981	3.6		952,980	65.4	

(1) Reporting period is January 1 through December 31.

(2) Excludes records with unknown data or errors.

(3) Rank compares one county's rate to other counties. Rank 1 = best rate.

(4) <2500 g.

(5) >4000 g.

(6) <37 weeks gestation.

(7) 37 or more weeks gestation and <2500 g.

* Percentages are not calculated if <100 records are available for analysis after exclusions.



Table 3B
2007 - 2009 Pregnancy Nutrition Surveillance (1)
North Dakota
Comparison of Racial and Ethnic Distribution by County
Combined 3 Years

Comparison of Racial and Ethnic Distribution (2)								
County	Number Included in Analysis	White, Not Hispanic %	Black, Not Hispanic %	Hispanic %	American Indian/Alaska Native %	Asian/Pacific Islander %	Multiple Races %	All Other/Unknown %
Adams	33	*	*	*	*	*	*	*
Barnes	130	89.2	0.8	2.3	6.9	0.8	0.0	0.0
Benson	362	5.5	0.0	1.4	91.7	0.6	0.8	0.0
Bottineau	58	*	*	*	*	*	*	*
Bowman	43	*	*	*	*	*	*	*
Burke	14	*	*	*	*	*	*	*
Burleigh	1,366	67.3	0.8	4.8	23.3	0.9	3.0	0.0
Cass	2,499	72.9	11.4	6.4	5.2	2.0	1.8	0.3
Cavalier	39	*	*	*	*	*	*	*
Dickey	87	*	*	*	*	*	*	*
Divide	16	*	*	*	*	*	*	*
Dunn	11	*	*	*	*	*	*	*
Eddy	18	*	*	*	*	*	*	*
Emmons	72	*	*	*	*	*	*	*
Foster	57	*	*	*	*	*	*	*
Golden Val	13	*	*	*	*	*	*	*
Grand Fork	1,709	69.3	5.0	9.7	10.0	1.9	4.1	0.0
Grant	15	*	*	*	*	*	*	*
Griggs	39	*	*	*	*	*	*	*
Hettinger	10	*	*	*	*	*	*	*

(1) Reporting period is January 1 through December 31.

(2) Excludes data with errors.

* Percentages are not calculated if <100 records are available for analysis after exclusions.

Table 3B
2007 - 2009 Pregnancy Nutrition Surveillance
North Dakota
Comparison of Racial and Ethnic Distribution by County
Combined 3 Years

(1)

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Comparison of Racial and Ethnic Distribution (2)								
County	Number Included in Analysis	White, Not Hispanic %	Black, Not Hispanic %	Hispanic %	American Indian/Alaska Native %	Asian/Pacific Islander %	Multiple Races %	All Other/Unknown %
Kidder	35	*	*	*	*	*	*	*
LaMoure	25	*	*	*	*	*	*	*
Logan	11	*	*	*	*	*	*	*
McHenry	47	*	*	*	*	*	*	*
McIntosh	51	*	*	*	*	*	*	*
McKenzie	18	*	*	*	*	*	*	*
McLean	84	*	*	*	*	*	*	*
Mercer	65	*	*	*	*	*	*	*
Morton	403	75.2	1.0	5.7	15.1	1.0	2.0	0.0
Mountrail	14	*	*	*	*	*	*	*
Nelson	29	*	*	*	*	*	*	*
Pembina	104	87.5	0.0	7.7	3.8	0.0	1.0	0.0
Pierce	56	*	*	*	*	*	*	*
Ramsey	325	62.8	0.3	3.4	27.1	0.6	5.8	0.0
Ransom	104	83.7	1.0	10.6	3.8	0.0	1.0	0.0
Renville	14	*	*	*	*	*	*	*
Richland	296	76.0	1.4	12.5	8.4	1.4	0.3	0.0
Rolette	905	3.9	0.0	4.4	88.7	0.4	2.3	0.2
Sargent	48	*	*	*	*	*	*	*
Sheridan	27	*	*	*	*	*	*	*

(1) Reporting period is January 1 through December 31.

(2) Excludes data with errors.

* Percentages are not calculated if <100 records are available for analysis after exclusions.



Table 3B
2007 - 2009 Pregnancy Nutrition Surveillance (1)
North Dakota
Comparison of Racial and Ethnic Distribution by County
Combined 3 Years

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Comparison of Racial and Ethnic Distribution (2)								
County	Number Included in Analysis	White, Not Hispanic %	Black, Not Hispanic %	Hispanic %	American Indian/Alaska Native %	Asian/Pacific Islander %	Multiple Races %	All Other/Unknown %
Stark	392	85.5	0.8	8.4	4.6	0.3	0.5	0.0
Steele	18	*	*	*	*	*	*	*
Stutsman	322	91.0	0.3	6.8	1.2	0.6	0.0	0.0
Towner	17	*	*	*	*	*	*	*
Traill	130	84.6	0.0	13.1	1.5	0.8	0.0	0.0
Walsh	324	59.6	0.3	35.2	3.7	0.3	0.9	0.0
Ward	1,656	75.5	2.9	7.9	7.6	1.5	4.4	0.2
Wells	39	*	*	*	*	*	*	*
Williams	406	77.1	0.2	5.9	7.6	0.5	7.4	1.2
North Dakota	12,556	67.6	3.6	7.6	17.3	1.2	2.7	0.1

(1) Reporting period is January 1 through December 31.

(2) Excludes data with errors.

* Percentages are not calculated if <100 records are available for analysis after exclusions.

Table 4B
2007 - 2009 Pregnancy Nutrition Surveillance
North Dakota
Comparison of Age Distribution by County
Combined 3 Years

(1)

Page: 25
Run Date: 7 / 22 / 10

Comparison of Age Distribution (2)								
County	Number Included in Analysis	< 15 Years %	15 - 17 Years %	18 - 19 Years %	20 - 29 Years %	30 - 39 Years %	>= 40 Years %	Unknown %
Adams	33	*	*	*	*	*	*	*
Barnes	130	0.0	2.3	13.1	66.9	15.4	2.3	0.0
Benson	362	1.4	10.5	17.7	54.4	15.2	0.8	0.0
Bottineau	58	*	*	*	*	*	*	*
Bowman	43	*	*	*	*	*	*	*
Burke	14	*	*	*	*	*	*	*
Burleigh	1,366	0.0	4.4	13.9	65.9	15.0	0.7	0.1
Cass	2,499	0.2	3.8	12.6	65.5	16.6	1.2	0.1
Cavalier	39	*	*	*	*	*	*	*
Dickey	87	*	*	*	*	*	*	*
Divide	16	*	*	*	*	*	*	*
Dunn	11	*	*	*	*	*	*	*
Eddy	18	*	*	*	*	*	*	*
Emmons	72	*	*	*	*	*	*	*
Foster	57	*	*	*	*	*	*	*
Golden Val	13	*	*	*	*	*	*	*
Grand Fork	1,709	0.1	3.5	11.8	68.9	14.7	1.0	0.0
Grant	15	*	*	*	*	*	*	*
Griggs	39	*	*	*	*	*	*	*

(1) Reporting period is January 1 through December 31.

(2) Excludes data with errors.

* Percentages are not calculated if <100 records are available for analysis after exclusions.



Table 4B
2007 - 2009 Pregnancy Nutrition Surveillance
North Dakota
Comparison of Age Distribution by County
Combined 3 Years

(1)

Page: 26
Run Date: 7 / 22 / 10

Comparison of Age Distribution (2)								
County	Number Included in Analysis	< 15 Years %	15 - 17 Years %	18 - 19 Years %	20 - 29 Years %	30 - 39 Years %	>= 40 Years %	Unknown %
Hettinger	10	*	*	*	*	*	*	*
Kidder	35	*	*	*	*	*	*	*
LaMoure	25	*	*	*	*	*	*	*
Logan	11	*	*	*	*	*	*	*
McHenry	47	*	*	*	*	*	*	*
McIntosh	51	*	*	*	*	*	*	*
McKenzie	18	*	*	*	*	*	*	*
McLean	84	*	*	*	*	*	*	*
Mercer	65	*	*	*	*	*	*	*
Morton	403	0.0	3.2	13.4	63.5	19.1	0.7	0.0
Mountrail	14	*	*	*	*	*	*	*
Nelson	29	*	*	*	*	*	*	*
Pembina	104	0.0	3.8	12.5	61.5	22.1	0.0	0.0
Pierce	56	*	*	*	*	*	*	*
Ramsey	325	0.3	7.4	17.2	59.4	14.2	1.5	0.0
Ransom	104	0.0	1.0	15.4	67.3	15.4	1.0	0.0
Renville	14	*	*	*	*	*	*	*
Richland	296	0.0	3.7	13.5	68.2	14.5	0.0	0.0
Rolette	905	0.4	9.9	15.4	60.4	13.3	0.6	0.0

(1) Reporting period is January 1 through December 31.

(2) Excludes data with errors.

* Percentages are not calculated if <100 records are available for analysis after exclusions.



Table 4B
2007 - 2009 Pregnancy Nutrition Surveillance
North Dakota
Comparison of Age Distribution by County
Combined 3 Years

(1)

Page: 27
Run Date: 7 / 22 / 10

Comparison of Age Distribution (2)								
County	Number Included in Analysis	< 15 Years %	15 - 17 Years %	18 - 19 Years %	20 - 29 Years %	30 - 39 Years %	>= 40 Years %	Unknown %
Sargent	48	*	*	*	*	*	*	*
Sheridan	27	*	*	*	*	*	*	*
Stark	392	0.0	3.6	11.5	69.1	12.5	2.8	0.5
Steele	18	*	*	*	*	*	*	*
Stutsman	322	0.3	5.9	13.7	62.7	16.1	1.2	0.0
Towner	17	*	*	*	*	*	*	*
Traill	130	0.0	2.3	10.8	70.8	15.4	0.8	0.0
Walsh	324	0.3	9.6	13.3	59.0	17.0	0.9	0.0
Ward	1,656	0.1	3.6	12.0	71.6	12.4	0.4	0.0
Wells	39	*	*	*	*	*	*	*
Williams	406	0.0	5.4	15.8	64.0	13.8	1.0	0.0
North Dakota	12,556	0.2	4.8	12.9	65.6	15.5	1.0	0.0

(1) Reporting period is January 1 through December 31.

(2) Excludes data with errors.

* Percentages are not calculated if <100 records are available for analysis after exclusions.



Table 5B
2007 - 2009 Pregnancy Nutrition Surveillance (1)
North Dakota
Comparison of Maternal Health Indicators by County
Combined 3 Years

Page: 28
Run Date: 7 / 22 / 10

Comparison of Maternal Health Indicators (2, 3)														
County	Prepregnancy BMI (4)				Weight Gain (5)				Anemia (Low Hb/Hct) (6)				Gestational Diabetes During Pregnancy	Hypertension During Pregnancy
	Under-weight		Over-weight	< Ideal		> Ideal		3rd Trimester		Postpartum				
	Number	% (Rank)	% (Rank)	Number	% (Rank)	% (Rank)	Number	% (Rank)	Number	% (Rank)	Number	% (Rank)	Number	% (Rank)
Adams	31	* *	* *	28	* *	* *	6	* *	18	* *	27	* *	27	* *
Barnes	100	0.0 (1)	67.0 (14)	87	* *	* *	23	* *	87	* *	109	3.7 (2)	109	10.1(7)
Benson	309	1.3 (2)	55.0 (5)	255	14.1 (6)	59.2 (13)	57	* *	92	* *	272	6.3 (8)	272	13.6(11)
Bottineau	47	* *	* *	40	* *	* *	12	* *	41	* *	49	* *	49	* *
Bowman	35	* *	* *	29	* *	* *	7	* *	25	* *	33	* *	33	* *
Burke	9	* *	* *	8	* *	* *	2	* *	7	* *	12	* *	12	* *
Burleigh	1,230	3.3 (11)	55.5 (8)	1,071	17.5 (12)	51.6 (3)	205	27.3 (2)	982	19.2 (5)	1,132	7.3 (10)	1,132	11.6(8)
Cass	2,133	3.3 (11)	53.9 (2)	1,810	16.7 (9)	52.0 (4)	391	28.9 (3)	1,728	23.5 (8)	2,049	5.5 (7)	2,048	7.3(1)
Cavalier	38	* *	* *	29	* *	* *	2	* *	11	* *	16	* *	16	* *
Dickey	74	* *	* *	63	* *	* *	17	* *	59	* *	61	* *	61	* *
Divide	12	* *	* *	11	* *	* *	1	* *	13	* *	14	* *	14	* *
Dunn	11	* *	* *	10	* *	* *	0	* *	1	* *	7	* *	7	* *
Eddy	17	* *	* *	16	* *	* *	3	* *	12	* *	16	* *	16	* *
Emmons	61	* *	* *	56	* *	* *	7	* *	30	* *	63	* *	63	* *
Foster	49	* *	* *	42	* *	* *	9	* *	36	* *	46	* *	46	* *
Golden Val	8	* *	* *	6	* *	* *	1	* *	10	* *	10	* *	10	* *
Grand Fork	1,295	2.5 (6)	55.1 (6)	971	13.3 (4)	57.3 (11)	253	30.4 (4)	919	26.9 (11)	1,216	3.8 (3)	1,216	13.9(13)

(1) Reporting period is January 1 through December 31.

(2) Excludes records with unknown data or errors.

(3) Rank compares one county's rate to other counties. Rank 1 = best rate.

(4) Based on 2009 IOM report, "Weight Gain During Pregnancy": underweight (BMI <18.5), normal weight (BMI 18.5 to 24.9), overweight (BMI 25.0 to 29.9), obese (BMI >30.0).

(5) Based on 2009 IOM report, "Weight Gain During Pregnancy": underweight during pregnancy (ideal weight gain = 28 to 40 pounds), normal weight prepregnancy (ideal weight gain = 25 to 35 pounds), overweight prepregnancy (ideal weight gain = 15 to 25 pounds), obese prepregnancy (ideal weight gain = 11 to 20 pounds).

(6) Based on 1990 MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States"; adjusted for altitude and smoking.

* Percentages are not calculated if <100 records are available for analysis after exclusions.

Table 5B
2007 - 2009 Pregnancy Nutrition Surveillance (1)
North Dakota
Comparison of Maternal Health Indicators by County
Combined 3 Years

Page: 29
Run Date: 7 / 22 / 10

Comparison of Maternal Health Indicators (2, 3)																
County	Prepregnancy BMI (4)				Weight Gain (5)				Anemia (Low Hb/Hct) (6)				Gestational Diabetes During Pregnancy		Hypertension During Pregnancy	
	Under-weight		Over-weight	< Ideal		> Ideal		3rd Trimester		Postpartum						
	Number	% (Rank)	% (Rank)	Number	% (Rank)	% (Rank)	Number	% (Rank)	Number	% (Rank)	Number	% (Rank)	Number	% (Rank)		
Grant	15	* *	* *	12	* *	* *	4	* *	10	* *	14	* *	13	* *		
Griggs	31	* *	* *	27	* *	* *	5	* *	20	* *	35	* *	35	* *		
Hettinger	10	* *	* *	8	* *	* *	1	* *	3	* *	6	* *	6	* *		
Kidder	29	* *	* *	26	* *	* *	5	* *	25	* *	31	* *	30	* *		
LaMoure	20	* *	* *	15	* *	* *	1	* *	16	* *	17	* *	18	* *		
Logan	10	* *	* *	9	* *	* *	3	* *	4	* *	9	* *	9	* *		
McHenry	41	* *	* *	36	* *	* *	6	* *	29	* *	42	* *	42	* *		
McIntosh	42	* *	* *	34	* *	* *	8	* *	17	* *	12	* *	12	* *		
McKenzie	14	* *	* *	13	* *	* *	2	* *	12	* *	15	* *	15	* *		
McLean	65	* *	* *	55	* *	* *	16	* *	55	* *	71	* *	70	* *		
Mercer	59	* *	* *	51	* *	* *	12	* *	47	* *	54	* *	54	* *		
Morton	352	2.8 (9)	54.3 (4)	284	12.7 (3)	52.8 (7)	61	* *	266	19.2 (5)	321	7.8 (12)	321	9.7(5)		
Mountrail	10	* *	* *	6	* *	* *	1	* *	6	* *	9	* *	9	* *		
Nelson	23	* *	* *	21	* *	* *	7	* *	15	* *	20	* *	20	* *		
Pembina	87	* *	* *	76	* *	* *	20	* *	48	* *	84	* *	84	* *		
Pierce	53	* *	* *	46	* *	* *	6	* *	40	* *	50	* *	50	* *		
Ramsey	304	4.3 (14)	53.9 (2)	276	15.6 (7)	52.2 (5)	46	* *	242	26.0 (10)	277	3.6 (1)	278	15.8(14)		

(1) Reporting period is January 1 through December 31.

(2) Excludes records with unknown data or errors.

(3) Rank compares one county's rate to other counties. Rank 1 = best rate.

(4) Based on 2009 IOM report, "Weight Gain During Pregnancy": underweight (BMI <18.5), normal weight (BMI 18.5 to 24.9), overweight (BMI 25.0 to 29.9), obese (BMI >30.0).

(5) Based on 2009 IOM report, "Weight Gain During Pregnancy": underweight during pregnancy (ideal weight gain = 28 to 40 pounds), normal weight prepregnancy (ideal weight gain = 25 to 35 pounds), overweight prepregnancy (ideal weight gain = 15 to 25 pounds), obese prepregnancy (ideal weight gain = 11 to 20 pounds).

(6) Based on 1990 MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States"; adjusted for altitude and smoking.

* Percentages are not calculated if <100 records are available for analysis after exclusions.



Table 5B
2007 - 2009 Pregnancy Nutrition Surveillance (1)
North Dakota
Comparison of Maternal Health Indicators by County
Combined 3 Years

Page: 30
Run Date: 7 / 22 / 10

Comparison of Maternal Health Indicators (2, 3)															
County	Prepregnancy BMI (4)				Weight Gain (5)			Anemia (Low Hb/Hct) (6)				Gestational Diabetes During Pregnancy		Hypertension During Pregnancy	
	Under-weight		Over-weight	< Ideal		> Ideal	3rd Trimester		Postpartum						
	Number	% (Rank)		% (Rank)	Number	% (Rank)	% (Rank)	Number	% (Rank)	Number	% (Rank)	Number	% (Rank)	Number	% (Rank)
Ransom	84	* *	* *	74	* *	* *	20	* *	61	* *	90	* *	90	* *	
Renville	10	* *	* *	10	* *	* *	1	* *	9	* *	13	* *	13	* *	
Richland	241	2.1 (4)	56.0 (9)	186	10.2 (1)	53.2 (8)	35	* *	157	27.4 (12)	225	10.2 (14)	225	8.0(3)	
Rolette	844	2.7 (7)	62.0 (12)	785	16.7 (9)	52.2 (5)	84	* *	584	25.7 (9)	773	4.7 (6)	774	7.6(2)	
Sargent	46	* *	* *	39	* *	* *	6	* *	31	* *	37	* *	37	* *	
Sheridan	23	* *	* *	19	* *	* *	4	* *	12	* *	17	* *	17	* *	
Stark	343	2.9 (10)	55.1 (6)	289	15.9 (8)	55.0 (9)	80	* *	155	13.5 (2)	285	4.6 (5)	285	9.8(6)	
Steele	15	* *	* *	13	* *	* *	6	* *	9	* *	8	* *	8	* *	
Stutsman	268	1.9 (3)	59.3 (11)	223	10.3 (2)	58.7 (12)	44	* *	194	17.0 (4)	241	7.5 (11)	242	12.4(9)	
Towner	14	* *	* *	12	* *	* *	0	* *	10	* *	13	* *	13	* *	
Traill	93	* *	* *	52	* *	* *	22	* *	68	* *	80	* *	80	* *	
Walsh	298	3.4 (13)	63.4 (13)	253	18.6 (13)	51.4 (1)	40	* *	166	21.1 (7)	233	6.4 (9)	233	13.7(12)	
Ward	1,347	2.3 (5)	52.4 (1)	1,117	14.0 (5)	56.1 (10)	273	20.9 (1)	1,029	14.2 (3)	1,289	4.4 (4)	1,286	9.1(4)	
Wells	39	* *	* *	35	* *	* *	1	* *	29	* *	32	* *	32	* *	
Williams	333	2.7 (7)	59.2 (10)	276	16.7 (9)	51.4 (1)	98	* *	246	9.3 (1)	281	8.9 (13)	281	13.5(10)	
North Dakota	10,622	2.7	55.9	8,910	15.0	53.8	1,914	26.1	7,686	21.0	9,816	5.6	9,813	10.3	

(1) Reporting period is January 1 through December 31.

(2) Excludes records with unknown data or errors.

(3) Rank compares one county's rate to other counties. Rank 1 = best rate.

(4) Based on 2009 IOM report, "Weight Gain During Pregnancy": underweight (BMI <18.5), normal weight (BMI 18.5 to 24.9), overweight (BMI 25.0 to 29.9), obese (BMI >30.0).

(5) Based on 2009 IOM report, "Weight Gain During Pregnancy": underweight during pregnancy (ideal weight gain = 28 to 40 pounds), normal weight prepregnancy (ideal weight gain = 25 to 35 pounds), overweight prepregnancy (ideal weight gain = 15 to 25 pounds), obese prepregnancy (ideal weight gain = 11 to 20 pounds).

(6) Based on 1990 MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States"; adjusted for altitude and smoking.

* Percentages are not calculated if <100 records are available for analysis after exclusions.

Table 6B
2007 - 2009 Pregnancy Nutrition Surveillance
North Dakota
Comparison of Maternal Behavioral Indicators by County
Combined 3 Years

(1)

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Run Date: 7 / 22 / 10

Comparison of Maternal Behavioral Indicators (2, 3)										
County	Medical Care				WIC Enrollment		Multivitamin Consumption			
	1st Trimester		No Care		1st Trimester		Prepregnancy (4)		During Pregnancy (5)	
	Number	% (Rank)	% (Rank)		Number	% (Rank)	Number	% (Rank)	Number	% (Rank)
Adams	22	* *	* *		30	* *	19	* *	16	* *
Barnes	64	* *	* *		101	40.6 (11)	98	* *	85	* *
Benson	253	64.4 (13)	0.0 (1)		299	28.8 (14)	168	18.5 (11)	233	2.1 (13)
Bottineau	34	* *	* *		50	* *	48	* *	40	* *
Bowman	23	* *	* *		34	* *	23	* *	25	* *
Burke	6	* *	* *		9	* *	10	* *	7	* *
Burleigh	725	87.9 (4)	0.0 (1)		1,219	41.8 (10)	1,025	18.8 (9)	807	6.7 (6)
Cass	1,246	85.2 (11)	0.0 (1)		2,070	43.7 (7)	1,538	19.4 (8)	1,465	8.7 (3)
Cavalier	21	* *	* *		36	* *	31	* *	26	* *
Dickey	46	* *	* *		76	* *	65	* *	58	* *
Divide	7	* *	* *		11	* *	7	* *	8	* *
Dunn	5	* *	* *		11	* *	9	* *	8	* *
Eddy	9	* *	* *		17	* *	12	* *	10	* *
Emmons	41	* *	* *		60	* *	54	* *	36	* *
Foster	35	* *	* *		49	* *	46	* *	40	* *
Golden Val	3	* *	* *		6	* *	5	* *	4	* *
Grand Fork	746	90.5 (3)	0.0 (1)		1,304	46.5 (5)	1,245	23.5 (4)	919	6.1 (7)
Grant	12	* *	* *		14	* *	12	* *	12	* *
Griggs	22	* *	* *		30	* *	31	* *	23	* *
Hettinger	6	* *	* *		9	* *	8	* *	6	* *

(1) Reporting period is January 1 through December 31.

(2) Excludes records with unknown data or errors.

(3) Rank compares one county's rate to other counties. Rank 1 = best rate.

(4) Women who reported taking a multivitamin four times a week or more in the month before pregnancy; proxy for folic acid consumption.

(5) Pregnant women who reported taking a multivitamin in the past month; proxy for prenatal iron consumption.

* Percentages are not calculated if <100 records are available for analysis after exclusions.



Table 6B
2007 - 2009 Pregnancy Nutrition Surveillance
North Dakota
Comparison of Maternal Behavioral Indicators by County
Combined 3 Years

(1)

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Run Date: 7 / 22 / 10

Comparison of Maternal Behavioral Indicators												(2, 3)		
County	Medical Care					WIC Enrollment			Multivitamin Consumption					
	1st Trimester		No Care			1st Trimester			Prepregnancy (4)			During Pregnancy (5)		
	Number	% (Rank)	% (Rank)			Number	% (Rank)		Number	% (Rank)		Number	% (Rank)	
Kidder	22	*	*	*	*	31	*	*	30	*	*	24	*	*
LaMoure	15	*	*	*	*	19	*	*	15	*	*	12	*	*
Logan	6	*	*	*	*	9	*	*	7	*	*	6	*	*
McHenry	15	*	*	*	*	36	*	*	35	*	*	29	*	*
McIntosh	23	*	*	*	*	41	*	*	40	*	*	31	*	*
McKenzie	8	*	*	*	*	15	*	*	10	*	*	9	*	*
McLean	44	*	*	*	*	67	*	*	63	*	*	51	*	*
Mercer	40	*	*	*	*	59	*	*	49	*	*	43	*	*
Morton	191	86.4	(9)	0.0	(1)	357	40.3	(12)	291	18.6	(10)	237	6.8	(5)
Mountrail	4	*	*	*	*	9	*	*	9	*	*	6	*	*
Nelson	18	*	*	*	*	24	*	*	23	*	*	20	*	*
Pembina	64	*	*	*	*	87	*	*	80	*	*	74	*	*
Pierce	36	*	*	*	*	51	*	*	48	*	*	39	*	*
Ramsey	208	86.5	(8)	0.0	(1)	298	44.6	(6)	261	21.8	(7)	220	4.1	(11)
Ransom	49	*	*	*	*	83	*	*	79	*	*	58	*	*
Renville	9	*	*	*	*	10	*	*	9	*	*	8	*	*
Richland	135	91.1	(2)	0.0	(1)	245	49.8	(3)	223	22.0	(6)	183	4.9	(9)
Rolette	577	82.3	(12)	0.0	(1)	848	58.0	(1)	826	12.6	(13)	592	2.5	(12)
Sargent	25	*	*	*	*	43	*	*	30	*	*	26	*	*
Sheridan	16	*	*	*	*	23	*	*	22	*	*	16	*	*

(1) Reporting period is January 1 through December 31.

(2) Excludes records with unknown data or errors.

(3) Rank compares one county's rate to other counties. Rank 1 = best rate.

(4) Women who reported taking a multivitamin four times a week or more in the month before pregnancy; proxy for folic acid consumption.

(5) Pregnant women who reported taking a multivitamin in the past month; proxy for prenatal iron consumption.

* Percentages are not calculated if <100 records are available for analysis after exclusions.



Table 6B
2007 - 2009 Pregnancy Nutrition Surveillance
North Dakota
Comparison of Maternal Behavioral Indicators by County
Combined 3 Years

(1)

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Comparison of Maternal Behavioral Indicators (2, 3)										
County	Medical Care					WIC Enrollment			Multivitamin Consumption	
	1st Trimester		No Care			1st Trimester			Prepregnancy (4)	During Pregnancy (5)
	Number	% (Rank)	% (Rank)	% (Rank)	% (Rank)	Number	% (Rank)	% (Rank)	Number	% (Rank)
Stark	205	86.8 (7)	0.0 (1)			318	43.4 (8)		299	31.4 (1)
Steele	10	* *	* *			15	* *		14	* *
Stutsman	189	94.2 (1)	0.0 (1)			266	47.7 (4)		257	29.2 (2)
Towner	5	* *	* *			13	* *		11	* *
Trails	65	* *	* *			93	* *		97	* *
Walsh	161	85.7 (10)	0.0 (1)			302	55.0 (2)		267	18.4 (12)
Ward	844	87.4 (6)	0.0 (1)			1,353	42.8 (9)		1,248	25.7 (3)
Wells	22	* *	* *			37	* *		31	* *
Williams	213	87.8 (5)	0.0 (1)			340	39.4 (13)		185	22.7 (5)
North Dakota	6,545	86.4	0.0			10,527	44.7		9,013	22.2
									7,448	6.9

(1) Reporting period is January 1 through December 31.

(2) Excludes records with unknown data or errors.

(3) Rank compares one county's rate to other counties. Rank 1 = best rate.

(4) Women who reported taking a multivitamin four times a week or more in the month before pregnancy; proxy for folic acid consumption.

(5) Pregnant women who reported taking a multivitamin in the past month; proxy for prenatal iron consumption.

* Percentages are not calculated if <100 records are available for analysis after exclusions.



Table 7B
2007 - 2009 Pregnancy Nutrition Surveillance
North Dakota
Comparison of Smoking Indicators by County
Combined 3 Years

(1)

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Run Date: 7 / 22 / 10

Comparison of Smoking Indicators (2, 3)										
County	Smoking				Quit Smoking By First Prenatal Visit and Stayed Off Cigarettes (4)	Smoking in Household				
	3 Months Prior to Pregnancy		Last 3 Months of Pregnancy			Prenatal		Postpartum		
	Number	% (Rank)	Number	% (Rank)		Number	% (Rank)	Number	% (Rank)	
Adams	23	* *	23	* *	6	* *	21	* *	25	* *
Barnes	97	* *	110	29.1 (9)	39	* *	92	* *	109	14.7 (10)
Benson	298	61.1 (11)	273	35.9 (11)	111	37.8 (3)	244	30.7 (12)	264	20.5 (13)
Bottineau	49	* *	49	* *	20	* *	45	* *	46	* *
Bowman	30	* *	33	* *	5	* *	28	* *	32	* *
Burke	10	* *	12	* *	2	* *	8	* *	12	* *
Burleigh	1,034	52.2 (8)	1,128	23.9 (6)	390	42.6 (1)	908	13.3 (1)	1,107	4.5 (1)
Cass	1,882	43.7 (3)	2,039	23.5 (4)	601	32.4 (6)	1,688	21.3 (7)	1,919	13.8 (9)
Cavalier	32	* *	19	* *	5	* *	28	* *	17	* *
Dickey	66	* *	67	* *	11	* *	57	* *	67	* *
Divide	8	* *	13	* *	3	* *	8	* *	14	* *
Dunn	9	* *	7	* *	2	* *	9	* *	5	* *
Eddy	12	* *	16	* *	6	* *	11	* *	15	* *
Emmons	55	* *	63	* *	0	* *	45	* *	62	* *
Foster	48	* *	47	* *	17	* *	46	* *	45	* *

(1) Reporting period is January 1 through December 31.

(2) Excludes records with unknown data or errors.

(3) Rank compares one county's rate to other counties. Rank 1 = best rate.

(4) Among women who smoked 3 months prior to pregnancy.

* Percentages are not calculated if <100 records are available for analysis after exclusions.

Table 7B
2007 - 2009 Pregnancy Nutrition Surveillance
North Dakota
Comparison of Smoking Indicators by County
Combined 3 Years

(1)

Page: 35
Run Date: 7 / 22 / 10

Comparison of Smoking Indicators (2, 3)										
County	Smoking				Quit Smoking By First Prenatal Visit and Stayed Off Cigarettes (4)	Smoking in Household				
	3 Months Prior to Pregnancy		Last 3 Months of Pregnancy			Prenatal		Postpartum		
	Number	% (Rank)	Number	% (Rank)		Number	% (Rank)	Number	% (Rank)	
Golden Val	5	* *	10	* *	1	* *	4	* *	10	* *
Grand Fork	1,258	46.5 (5)	1,261	20.5 (2)	339	39.8 (2)	1,070	15.2 (3)	1,173	8.8 (5)
Grant	13	* *	14	* *	3	* *	13	* *	13	* *
Griggs	31	* *	35	* *	11	* *	26	* *	34	* *
Hettinger	9	* *	6	* *	0	* *	8	* *	5	* *
Kidder	30	* *	32	* *	16	* *	28	* *	31	* *
LaMoure	15	* *	22	* *	7	* *	12	* *	22	* *
Logan	9	* *	9	* *	2	* *	9	* *	6	* *
McHenry	25	* *	44	* *	7	* *	34	* *	43	* *
McIntosh	40	* *	32	* *	6	* *	35	* *	32	* *
McKenzie	12	* *	14	* *	4	* *	10	* *	12	* *
McLean	63	* *	73	* *	19	* *	58	* *	66	* *
Mercer	48	* *	53	* *	22	* *	45	* *	52	* *
Morton	291	51.2 (7)	321	23.7 (5)	108	32.4 (6)	266	21.8 (8)	312	8.7 (4)
Mountrail	8	* *	9	* *	1	* *	6	* *	8	* *

(1) Reporting period is January 1 through December 31.

(2) Excludes records with unknown data or errors.

(3) Rank compares one county's rate to other counties. Rank 1 = best rate.

(4) Among women who smoked 3 months prior to pregnancy.

* Percentages are not calculated if <100 records are available for analysis after exclusions.

Table 7B
2007 - 2009 Pregnancy Nutrition Surveillance
North Dakota
Comparison of Smoking Indicators by County
Combined 3 Years

(1)

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Comparison of Smoking Indicators (2, 3)										
County	Smoking				Quit Smoking By First Prenatal Visit and Stayed Off Cigarettes (4)	Smoking in Household				
	3 Months Prior to Pregnancy		Last 3 Months of Pregnancy			Prenatal	Postpartum			
	Number	% (Rank)	Number	% (Rank)		Number	% (Rank)	Number	% (Rank)	
Nelson	23	* *	20	* *	7	* *	21	* *	17	* *
Pembina	84	* *	83	* *	23	* *	75	* *	82	* *
Pierce	48	* *	50	* *	5	* *	41	* *	48	* *
Ramsey	268	53.4 (9)	283	33.9 (10)	109	29.4 (8)	240	22.5 (9)	279	9.0 (7)
Ransom	73	* *	90	* *	26	* *	70	* *	90	* *
Renville	9	* *	10	* *	1	* *	9	* *	13	* *
Richland	223	57.4 (10)	226	38.1 (13)	91	* *	206	40.3 (13)	223	30.0 (14)
Rolette	817	64.7 (13)	781	38.4 (14)	416	26.7 (9)	743	24.5 (10)	774	8.9 (6)
Sargent	31	* *	37	* *	8	* *	27	* *	37	* *
Sheridan	20	* *	21	* *	5	* *	18	* *	16	* *
Stark	304	43.8 (4)	293	27.3 (8)	90	* *	263	18.3 (5)	286	18.9 (12)
Steele	12	* *	8	* *	2	* *	13	* *	9	* *
Stutsman	263	47.5 (6)	251	27.1 (7)	94	* *	223	15.2 (3)	227	7.0 (2)
Towner	11	* *	13	* *	2	* *	10	* *	13	* *
Traill	94	* *	78	* *	12	* *	71	* *	72	* *

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(2) Excludes records with unknown data or errors.

(3) Rank compares one county's rate to other counties. Rank 1 = best rate.

(4) Among women who smoked 3 months prior to pregnancy.

* Percentages are not calculated if <100 records are available for analysis after exclusions.



Table 7B
2007 - 2009 Pregnancy Nutrition Surveillance (1)
North Dakota
Comparison of Smoking Indicators by County
Combined 3 Years

Comparison of Smoking Indicators (2, 3)										
County	Smoking				Quit Smoking By First Prenatal Visit and Stayed Off Cigarettes (4)	Smoking in Household				
	3 Months Prior to Pregnancy		Last 3 Months of Pregnancy			Prenatal		Postpartum		
	Number	% (Rank)	Number	% (Rank)	Number	% (Rank)	Number	% (Rank)	Number	% (Rank)
Walsh	268	32.5 (1)	242	19.0 (1)	63	* *	242	14.5 (2)	231	7.4 (3)
Ward	1,225	40.8 (2)	1,290	21.6 (3)	339	37.2 (4)	1,080	18.3 (5)	1,262	11.6 (8)
Wells	31	* *	32	* *	10	* *	31	* *	30	* *
Williams	291	61.9 (12)	273	37.0 (12)	101	33.7 (5)	249	25.7 (11)	238	18.1 (11)
North Dakota	9,605	47.6	9,915	25.3	3,168	34.1	8,494	20.2	9,505	11.6

(1) Reporting period is January 1 through December 31.

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(3) Rank compares one county's rate to other counties. Rank 1 = best rate.

(4) Among women who smoked 3 months prior to pregnancy.

* Percentages are not calculated if <100 records are available for analysis after exclusions.

Table 8B
2007 - 2009 Pregnancy Nutrition Surveillance (1)
North Dakota
Comparison of Infant Health Indicators by County
Combined 3 Years

Comparison of Infant Health Indicators											(2, 3)			
County	Birthweight					Preterm (6)		Full Term LBW (7)		Ever Breastfed				
	Low (4)		High (5)											
	Number	% (Rank)		% (Rank)		Number	% (Rank)	Number	% (Rank)	Number	% (Rank)			
Adams	11	*	*	*	*	9	*	*	6	*	*	11	*	*
Barnes	78	*	*	*	*	56	*	*	48	*	*	85	*	*
Benson	223	5.8	(2)	18.8	(11)	168	17.9	(10)	138	1.4	(2)	247	6.5	(11)
Bottineau	11	*	*	*	*	10	*	*	7	*	*	11	*	*
Bowman	23	*	*	*	*	18	*	*	15	*	*	24	*	*
Burke	10	*	*	*	*	6	*	*	5	*	*	10	*	*
Burleigh	946	9.5	(9)	6.8	(2)	830	12.8	(6)	722	2.4	(5)	998	26.8	(4)
Cass	815	9.7	(10)	9.6	(6)	716	12.6	(5)	625	2.9	(8)	878	34.9	(1)
Cavalier	12	*	*	*	*	10	*	*	10	*	*	14	*	*
Dickey	54	*	*	*	*	44	*	*	39	*	*	55	*	*
Divide	11	*	*	*	*	8	*	*	7	*	*	11	*	*
Dunn	1	*	*	*	*	1	*	*	0	*	*	1	*	*
Eddy	10	*	*	*	*	10	*	*	8	*	*	11	*	*
Emmons	47	*	*	*	*	36	*	*	36	*	*	53	*	*

- (1) Reporting period is January 1 through December 31.
(2) Excludes records with unknown data or errors.
(3) Rank compares one county's rate to other counties. Rank 1 = best rate.
(4) <2500 g.
(5) >4000 g.
(6) <37 weeks gestation.
(7) 37 or more weeks gestation and <2500 g.
* Percentages are not calculated if <100 records are available for analysis after exclusions.



Table 8B
2007 - 2009 Pregnancy Nutrition Surveillance (1)
North Dakota
Comparison of Infant Health Indicators by County
Combined 3 Years

Comparison of Infant Health Indicators											(2, 3)			
County	Birthweight					Preterm (6)	Full Term LBW (7)		Ever Breastfed					
	Low (4)		High (5)											
	Number	% (Rank)	% (Rank)	Number	% (Rank)						Number	% (Rank)	Number	% (Rank)
Foster	39	*	*	*	*	33	*	*	30	*	*	39	*	*
Golden Val	8	*	*	*	*	2	*	*	1	*	*	8	*	*
Grand Fork	668	6.4	(3)	8.7	(5)	461	12.1	(4)	401	2.5	(6)	742	31.4	(3)
Grant	13	*	*	*	*	12	*	*	12	*	*	13	*	*
Griggs	15	*	*	*	*	10	*	*	9	*	*	17	*	*
Hettinger	3	*	*	*	*	2	*	*	2	*	*	3	*	*
Kidder	26	*	*	*	*	24	*	*	20	*	*	28	*	*
LaMoure	16	*	*	*	*	12	*	*	11	*	*	16	*	*
Logan	1	*	*	*	*	0	*	*	0	*	*	1	*	*
McHenry	35	*	*	*	*	25	*	*	20	*	*	39	*	*
McIntosh	2	*	*	*	*	1	*	*	1	*	*	2	*	*
McKenzie	1	*	*	*	*	1	*	*	1	*	*	1	*	*
McLean	45	*	*	*	*	31	*	*	28	*	*	47	*	*
Mercer	47	*	*	*	*	42	*	*	35	*	*	47	*	*

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(2) Excludes records with unknown data or errors.
(3) Rank compares one county's rate to other counties. Rank 1 = best rate.
(4) <2500 g.
(5) >4000 g.
(6) <37 weeks gestation.
(7) 37 or more weeks gestation and <2500 g.
* Percentages are not calculated if <100 records are available for analysis after exclusions.



Table 8B
2007 - 2009 Pregnancy Nutrition Surveillance (1)
North Dakota
Comparison of Infant Health Indicators by County
Combined 3 Years

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Comparison of Infant Health Indicators (2, 3)											
County	Birthweight					Preterm (6)		Full Term LBW (7)		Ever Breastfed	
	Low (4)		High (5)								
	Number	% (Rank)	% (Rank)			Number	% (Rank)	Number	% (Rank)	Number	% (Rank)
Morton	264	10.2 (11)	8.0 (4)			222	13.5 (8)	192	2.6 (7)	293	24.2 (7)
Mountrail	3	*	*	*	*	1	*	*	1	*	*
Nelson	10	*	*	*	*	6	*	*	5	*	*
Pembina	47	*	*	*	*	34	*	*	30	*	*
Pierce	37	*	*	*	*	34	*	*	32	*	*
Ramsey	190	7.4 (4)	12.6 (10)			171	9.4 (2)	153	2.0 (4)	206	21.8 (8)
Ransom	40	*	*	*	*	30	*	*	27	*	*
Renville	11	*	*	*	*	8	*	*	7	*	*
Richland	124	8.9 (7)	5.6 (1)			104	6.7 (1)	97	*	*	
Rolette	435	9.4 (8)	12.4 (9)			404	13.6 (9)	347	3.2 (9)	506	17.6 (10)
Sargent	32	*	*	*	*	27	*	*	23	*	*
Sheridan	15	*	*	*	*	12	*	*	11	*	*
Stark	130	7.7 (5)	6.9 (3)			93	*	*	81	*	*
Steele	4	*	*	*	*	4	*	*	4	*	*

(1) Reporting period is January 1 through December 31.

(2) Excludes records with unknown data or errors.

(3) Rank compares one county's rate to other counties. Rank 1 = best rate.

(4) <2500 g.

(5) >4000 g.

(6) <37 weeks gestation.

(7) 37 or more weeks gestation and <2500 g.

* Percentages are not calculated if <100 records are available for analysis after exclusions.



Table 8B
2007 - 2009 Pregnancy Nutrition Surveillance (1)
North Dakota
Comparison of Infant Health Indicators by County
Combined 3 Years

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Run Date: 7 / 22 / 10

Comparison of Infant Health Indicators										(2, 3)				
County	Birthweight					Preterm (6)		Full Term LBW (7)		Ever Breastfed				
	Low (4)		High (5)											
	Number	% (Rank)		% (Rank)		Number	% (Rank)	Number	% (Rank)	Number	% (Rank)			
Stutsman	75	*	*	*	*	59	*	*	54	*	*	83	*	*
Towner	8	*	*	*	*	6	*	*	4	*	*	9	*	*
Traill	39	*	*	*	*	22	*	*	21	*	*	42	*	*
Walsh	150	5.3	(1)	11.3	(8)	139	12.9	(7)	121	0.8	(1)	174	21.3	(9)
Ward	689	7.8	(6)	9.9	(7)	502	11.8	(3)	440	1.8	(3)	750	26.0	(6)
Wells	26	*	*	*	*	24	*	*	21	*	*	28	*	*
Williams	9	*	*	*	*	6	*	*	5	*	*	11	*	*
North Dakota	5,509	8.3		10.0		4,486	12.5		3,913	2.6		6,001	27.3	

(1) Reporting period is January 1 through December 31.

(2) Excludes records with unknown data or errors.

(3) Rank compares one county's rate to other counties. Rank 1 = best rate.

(4) <2500 g.

(5) >4000 g.

(6) <37 weeks gestation.

(7) 37 or more weeks gestation and <2500 g.

* Percentages are not calculated if <100 records are available for analysis after exclusions.

